Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092618\
Data File : VV007878.D
Acq On : 26 Sep 2018 12:45
Operator : SY/MD
Sample : VV0926WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 27 04:55:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	185860	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93160	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50701	43.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.04%			
7) Chloroethane-d5	1.59	69	47313	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.04%			
11) 1,1-Dichloroethene-d2	2.14	63	87121	35.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.18%			
21) 2-Butanone-d5	3.95	46	90946	115.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.82%			
24) Chloroform-d	4.41	84	115038	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.08%			
26) 1,2-Dichloroethane-d4	5.09	65	86104	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.80%			
32) Benzene-d6	5.10	84	237190	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.88%			
36) 1,2-Dichloropropane-d6	6.12	67	75359	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.32%			
41) Toluene-d8	7.36	98	225553	46.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.30%			
43) trans-1,3-Dichloropropene-	7.67	79	33224	46.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.90%			
47) 2-Hexanone-d5	8.14	63	71782	113.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.15%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106924	48.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.44%			
64) 1,2-Dichlorobenzene-d4	11.68	152	102215	49.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.72%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	863	0.378	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	863	0.677	ug/L #	19
12) 1,1-Dichloroethene	2.14	96	903	0.790	ug/L #	1
16) Methylene chloride	2.54	84	462	0.365	ug/L	88
35) Methylcyclohexane	6.12	83	18051	8.611	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8955	6.971	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1654	0.892	ug/L #	78
63) 1,4-Dichlorobenzene	11.32	146	1381	0.446	ug/L	98
67) 1,3,5-Trichlorobenzene	13.32	180	1327	0.540	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	1327	0.640	ug/L	95
69) Naphthalene	13.56	128	3709	0.731	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	1314	0.626	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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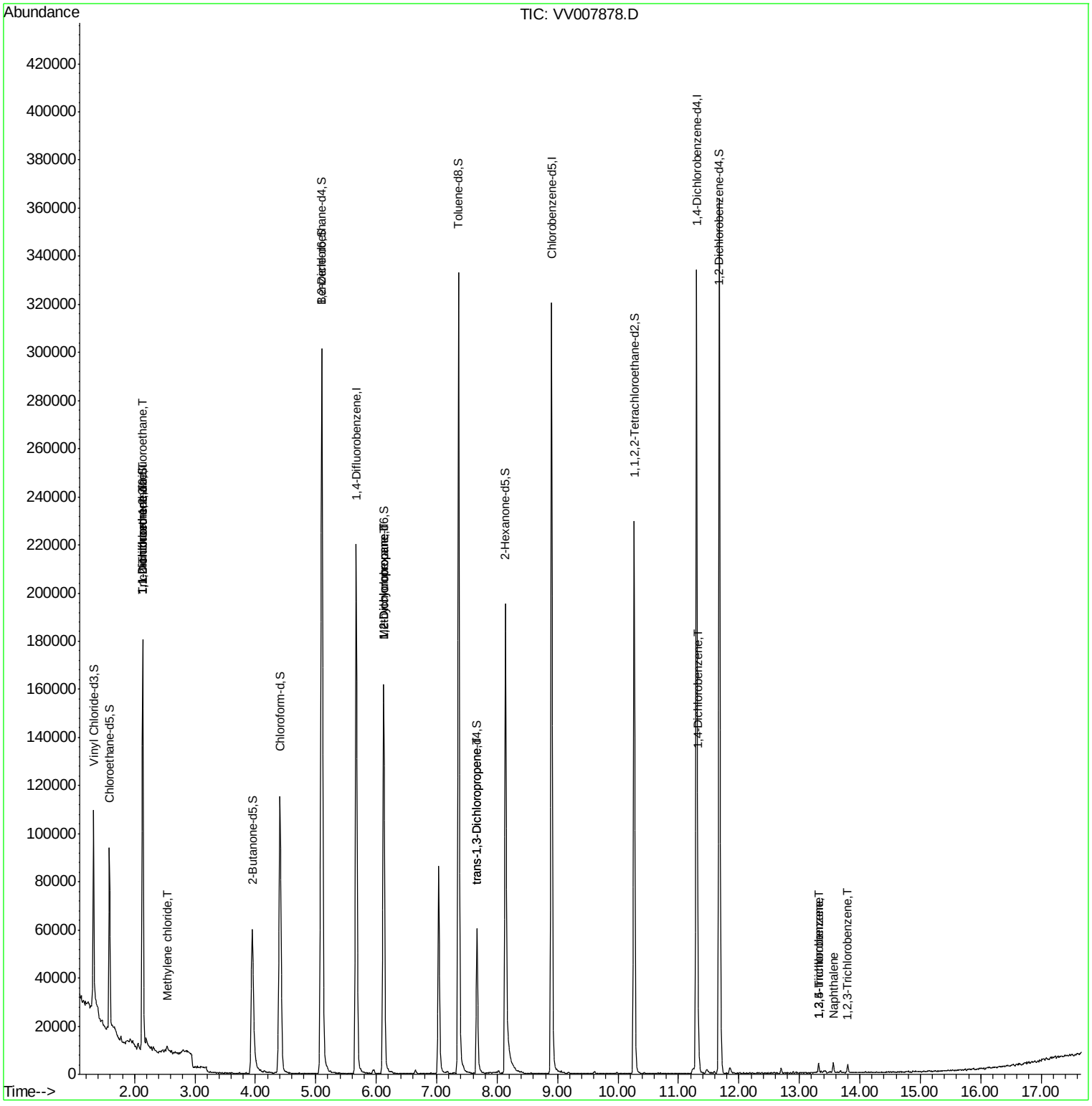
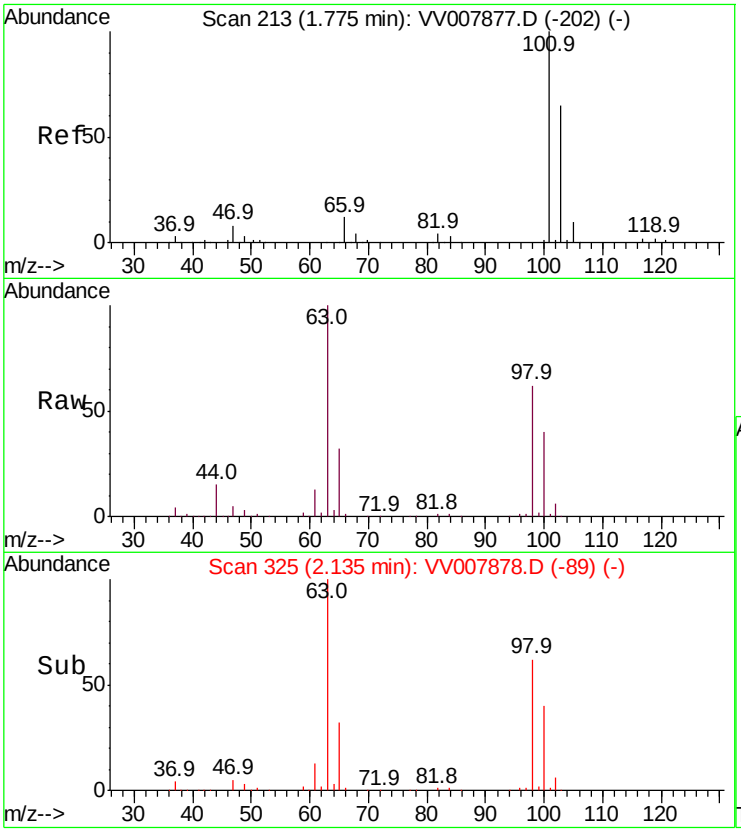
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 04:55:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration



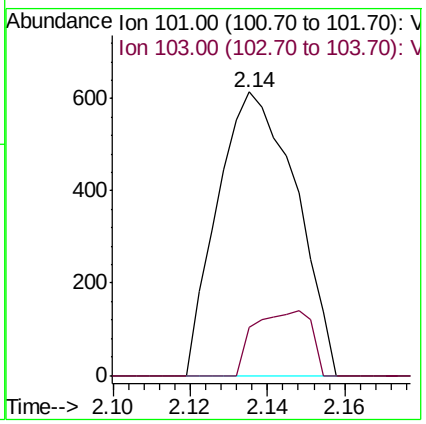


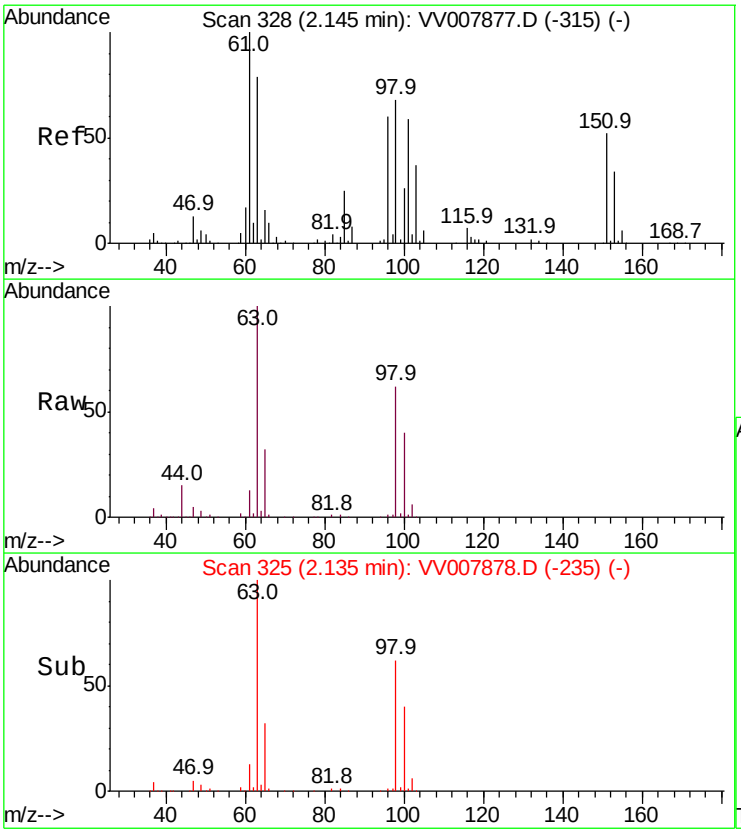
#9
Trichlorofluoromethane
Concen: 0.378 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.36 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 863

Ion	Ratio	Lower	Upper
101	100		
103	16.7	52.4	78.6#

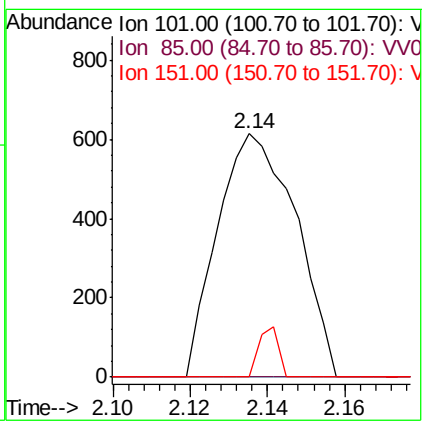


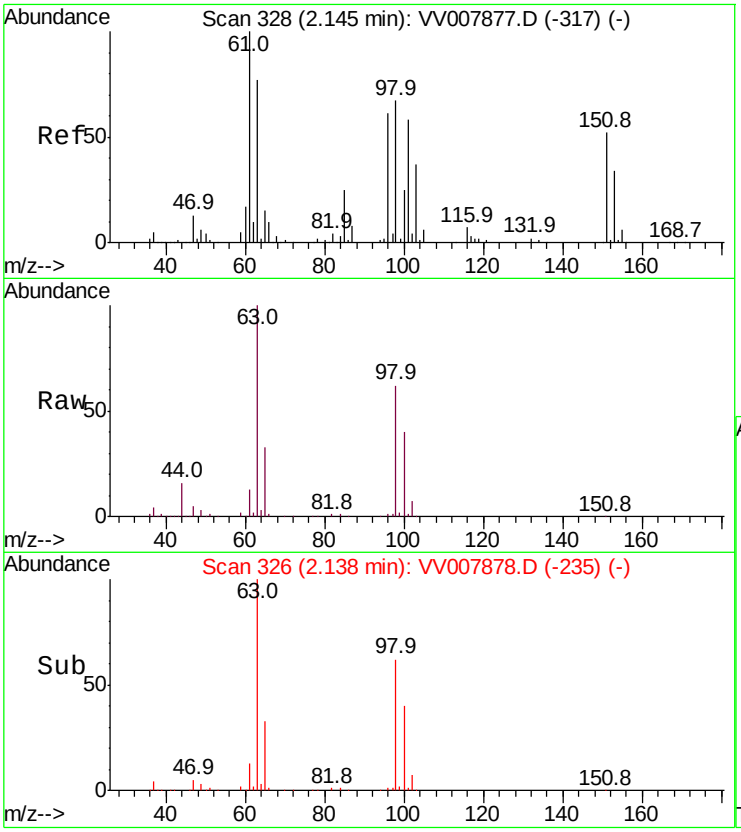


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.677 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion:101 Resp: 863

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.2	51.2#
151	5.2	69.7	104.5#



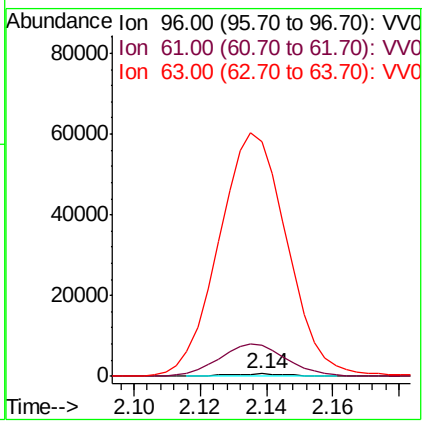


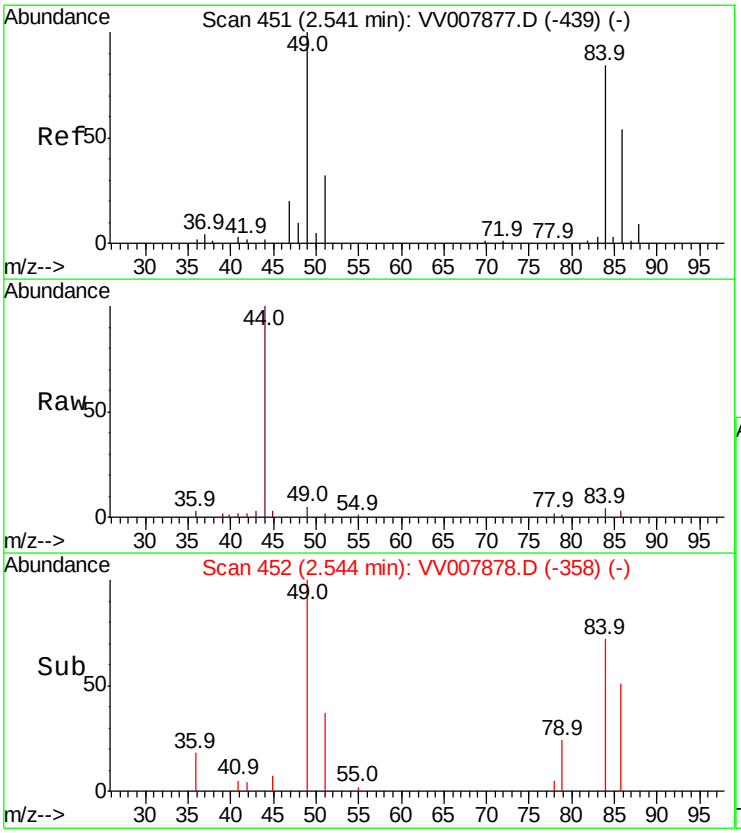
#12
1,1-Dichloroethene
Concen: 0.790 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 903

Ion	Ratio	Lower	Upper
96	100		
61	1286.8	116.1	215.7#
63	9830.1	86.5	160.7#

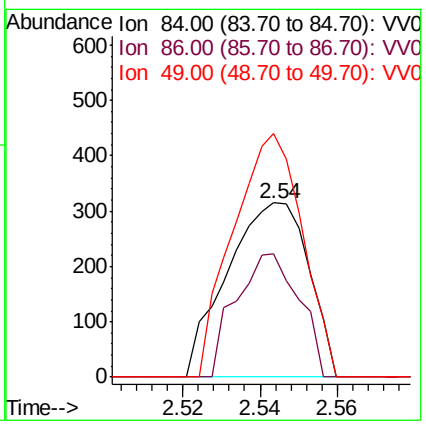


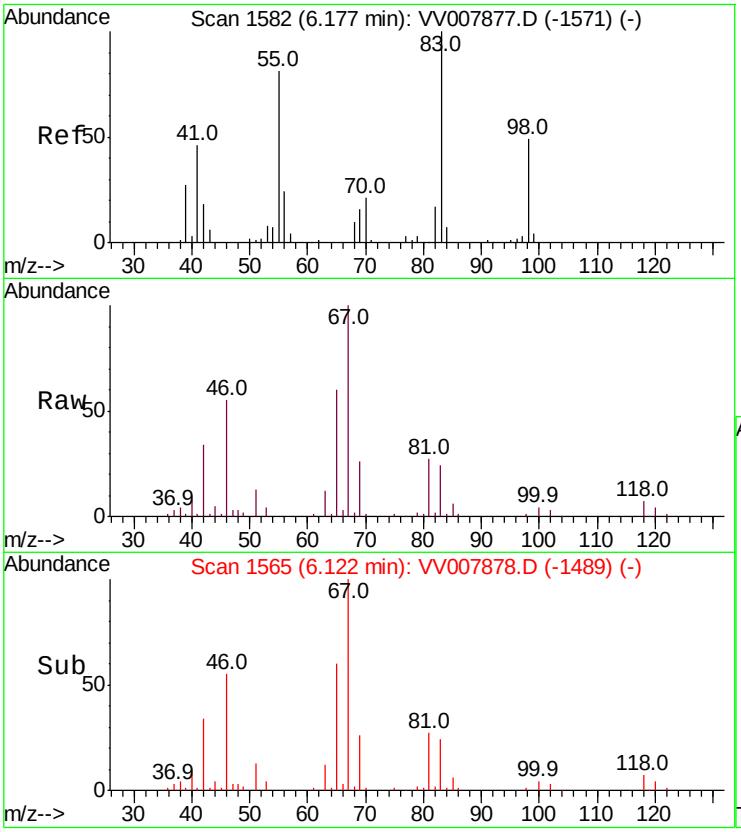


#16
Methylene chloride
Concen: 0.365 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.00 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion: 84 Resp: 462

Ion	Ratio	Lower	Upper
84	100		
86	70.8	44.4	82.4
49	139.7	86.8	161.2



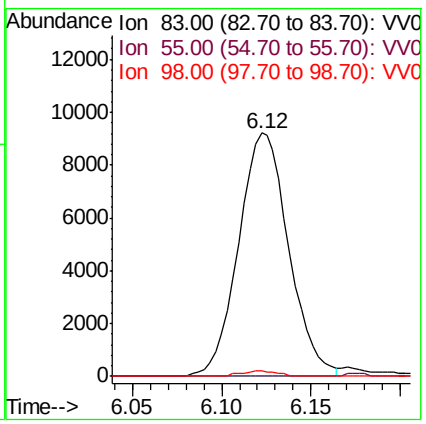


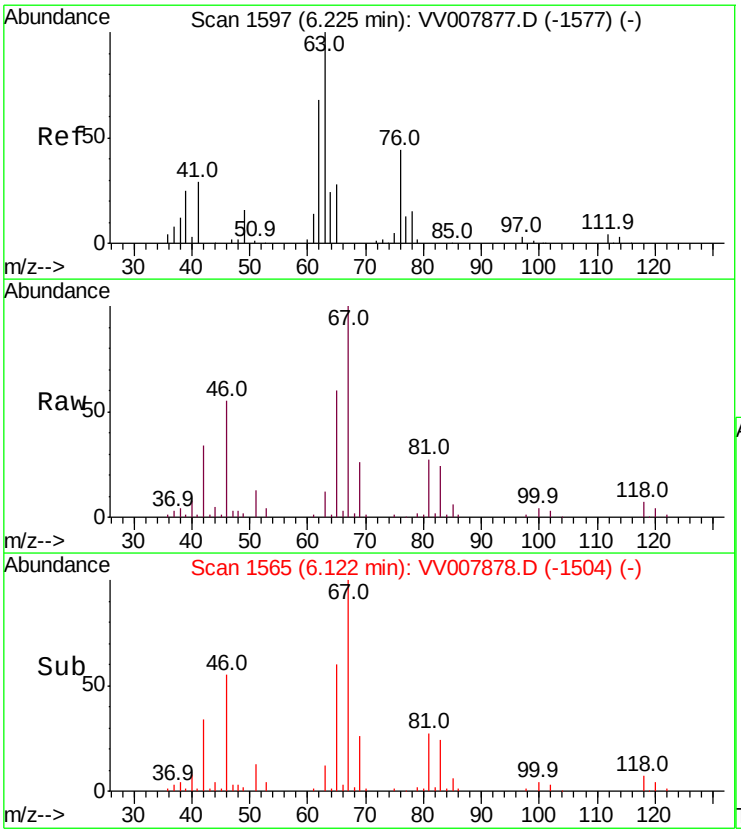
#35
Methylcyclohexane
Concen: 8.611 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 18051

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.6	37.6	56.4#

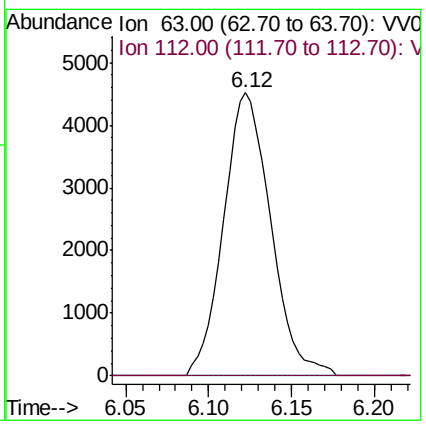


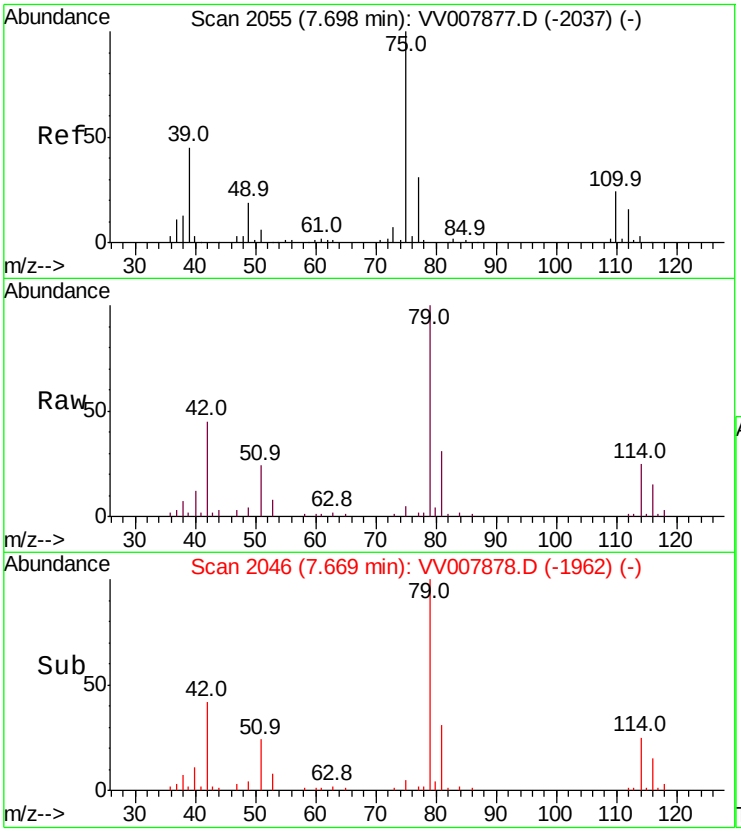


#37
1,2-Dichloropropane
Concen: 6.971 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion: 63 Resp: 8955

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



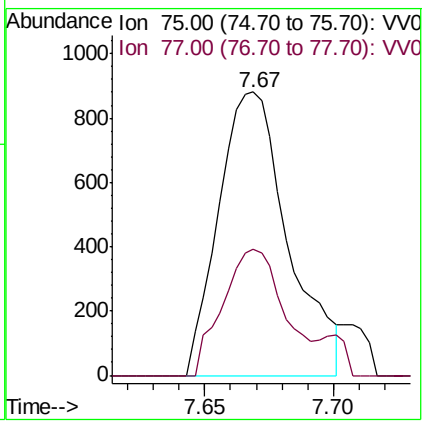


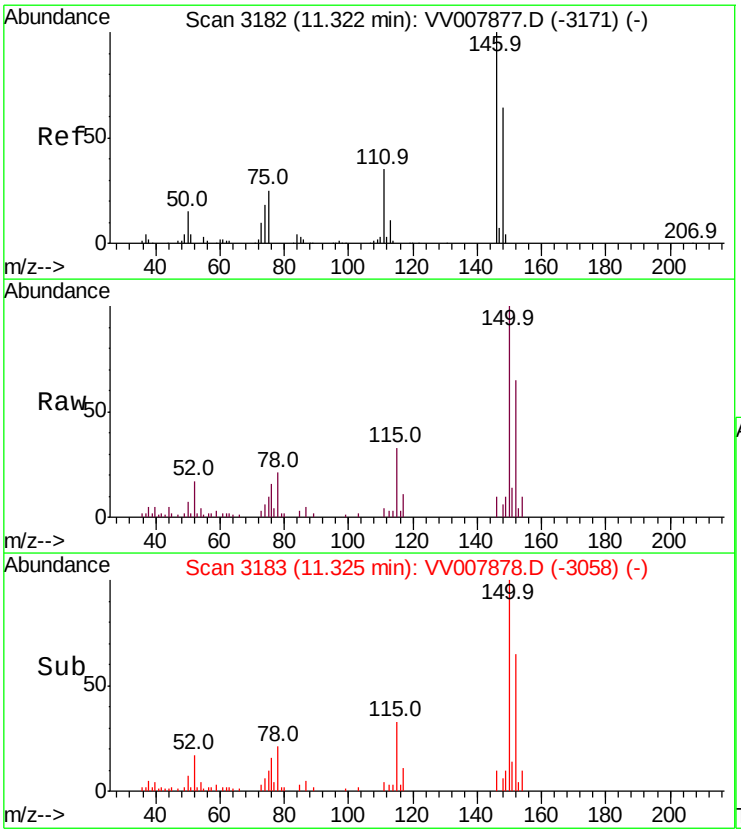
#44
trans-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1654

Ion	Ratio	Lower	Upper
75	100		
77	44.6	22.5	41.9#

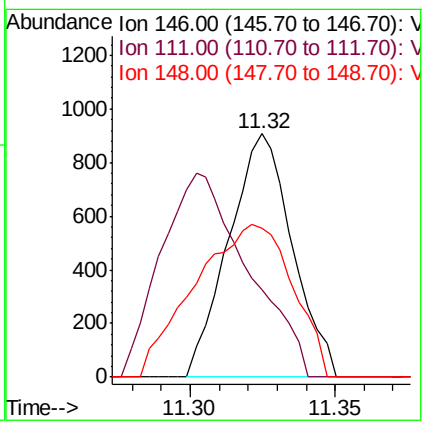


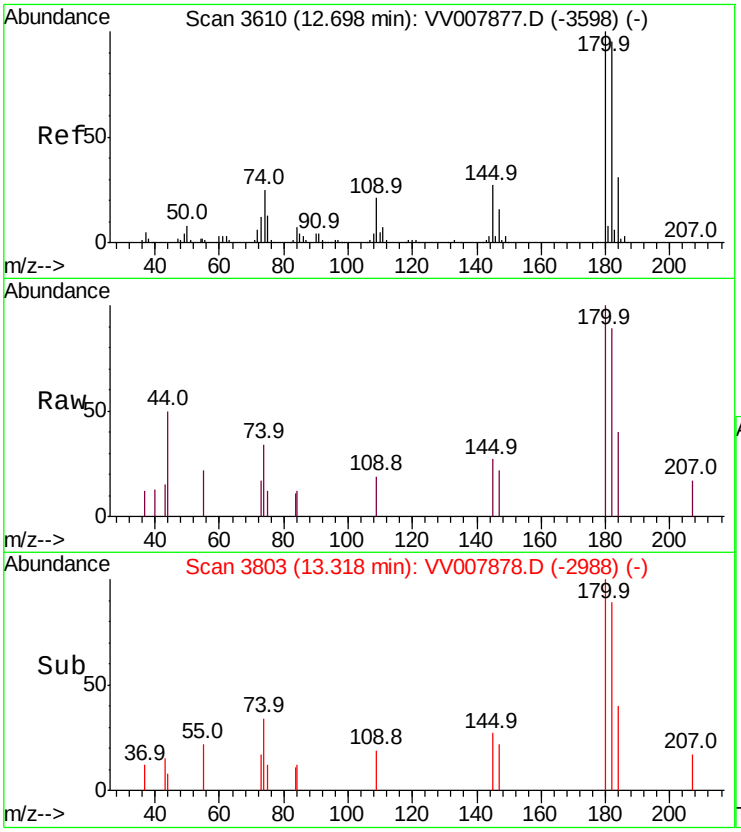


#63
1,4-Dichlorobenzene
Concen: 0.446 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.00 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion:146 Resp: 1381

Ion	Ratio	Lower	Upper
146	100		
111	35.7	25.2	46.8
148	61.1	44.2	82.0



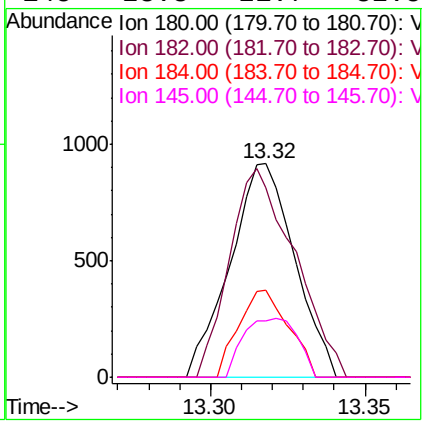


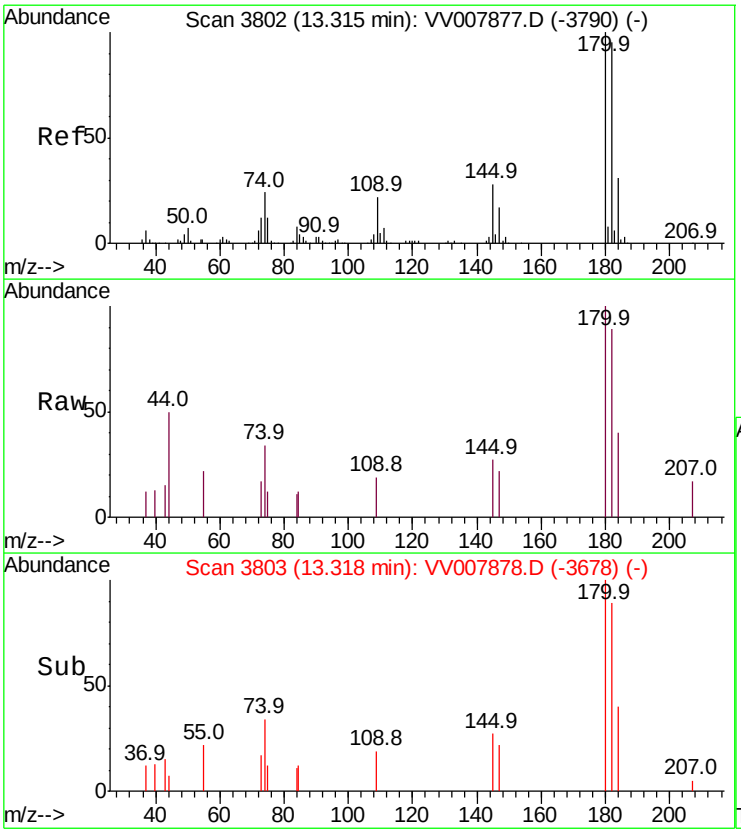
#67
1,3,5-Trichlorobenzene
Concen: 0.540 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.62 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 1327

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
184	31.6	24.6	36.8
145	23.3	21.7	32.5

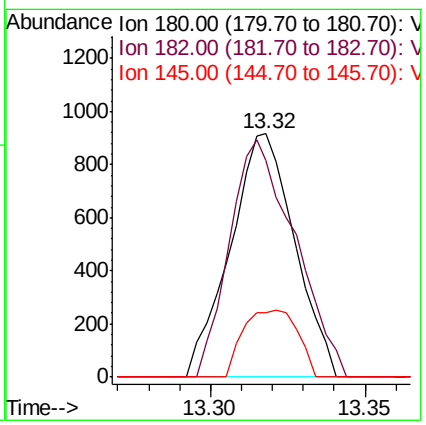


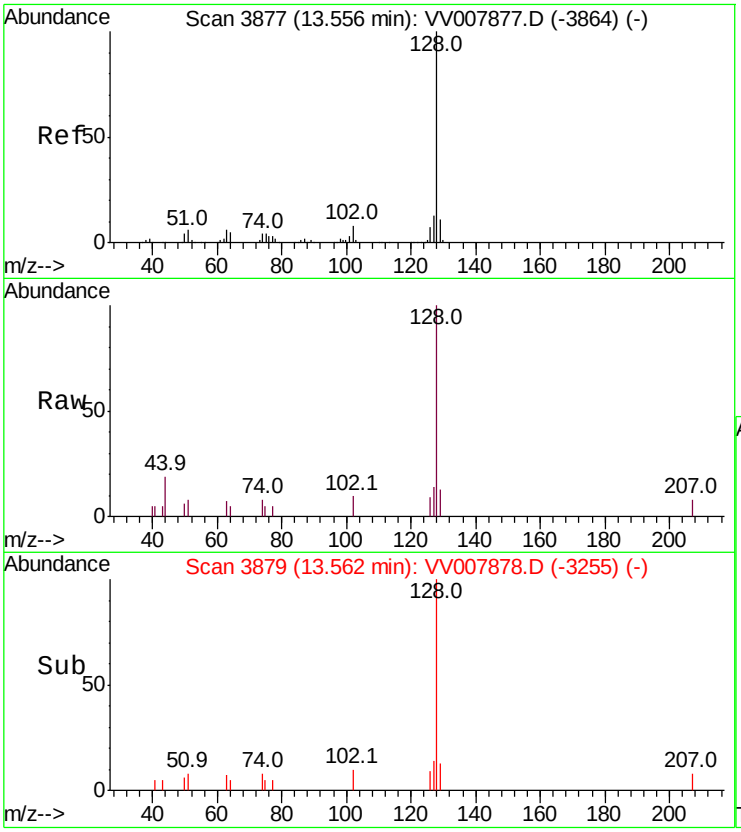


#68
1,2,4-trichlorobenzene
Concen: 0.640 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion:180 Resp: 1327

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.6	115.0
145	23.3	22.7	34.1



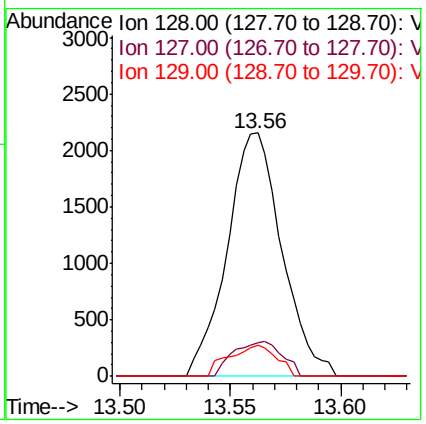


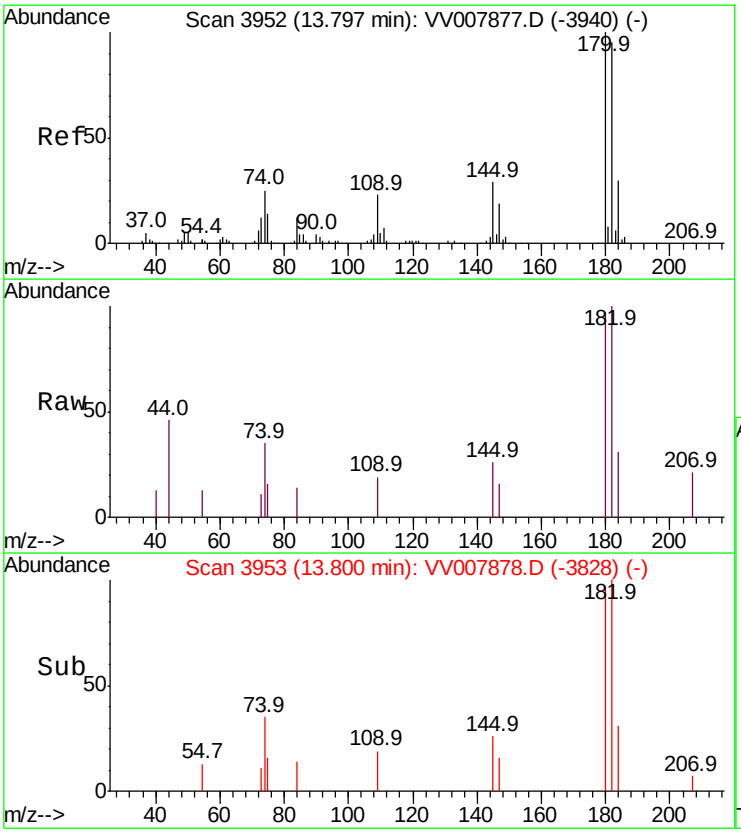
#69
Naphthalene
Concen: 0.731 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3709

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 0.626 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV007878.D
Acq: 26 Sep 2018 12:45

Tgt Ion:180 Resp: 1314

Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.7	115.1
145	24.8	23.6	35.4